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NASA Case No. LAR 16116-1

PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Russell A. Wincheski et al.

Serial No.: 10/021,683

Examiner: Darrell Winder

Filed: November 28, 2001

Group No: 2862

For: MAGNETORESISTIVE FLUX FOCUSING EDDY CURRENT FLAW DETECTION

State of Virginia

City of Hampton, to wit:

**AFFIDAVIT OF TINA HAWKS BUCHANAN**

I, Tina Hawks Buchanan, being duly sworn, do hereby depose and say:

1. That I am a Paralegal Specialist employed by the Army Research Laboratory and assigned to the Office of Chief Counsel (OCC) at the National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia.
2. My duties include verifying various dates to assist OCC Patent Attorneys in determining statutory bar dates. To investigate the publication of an article entitled "Deep Flaw Detection with Giant Magnetoresistive (GMR) Based Self-Nulling Probe" by Wincheski et al., I contacted Susan Stewart of the NASA Langley Research Center's Library and Media Services, Office of the Chief Information Officer, at 757-864-2518, on August 11, 2003. She verified that the date this article was posted to the Langley Technical Reports Server was December 3, 1999, the same date reflected on the Langley Technical Reports Server website.
3. I also contacted the American Institute of Physics and spoke with Ellen Carrigan, of the Editorial Department, at 516-576-2476. Ms. Carrigan confirmed that the article entitled "Deep Flaw Detection with Giant Magnetoresistive (GMR) Based Self-Nulling Probe" by Wincheski et al. was published in AIP Conference Proceedings May 23, 2000 – Volume 509, Issue 1, pp. 465-472, and that this publication was made available to the public on May 23, 2000.

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Further deponent sayeth not.

*Tina Hawks Buchanan*  
Tina Hawks Buchanan

Sworn to and subscribed before me this 12<sup>th</sup>  
day of August 2003, in the aforesaid City and State.

*Elaine C. McMahon*  
Elaine C. McMahon  
Notary Public

My commission expires: September 30, 2003